Established 1848.

ST. LOUIS, MO. WEDNESDAY, MARCH 19, 1902.

Volume LV., No. 12.

COLMAN'S RURAL WORLD.

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HORMAN J. COLMAN, EDITORS.

Published every Wednesday, in Chemical building, corner of Eighth and Olive streets, St. Louis, Mo., at one dollar per year. Eastern office, Chalmer D. Colman, 50 Temple Court. New York City. Advartisers will find the RURAL WORLD the best advartising medium of its class in the United States. Address all letters to COLMAN'S RURAL WORLD, Chemical Building, St. Louis, Mo.

cribers must bear in mind that the subscription price of the RURALs WORLD is one dollar a year, and that we do not receive single subscriptions for a less sum, but in our constant effort to enlarge Jur circulation, we do allow eld subscribers to take actually NEW subscribers at the fifty-cent rate, adding a new name with their own for one dollar, without year. From actual experience, without year. new name with their own for one dollar, and other new names at fifty cents each, but in no case do we accept two OLD subscribers for one dollar. We are willing to make a loss on a new subscriber the first year, believing he will find the RURAL WORLD indispensable ever after. We also send the RURAL WORLD indispensable ever after. We also send the RURAL WORLD in conjunction with either the twice-aweek "Globe-Democrat" for one dollar and fifty cents a year, and new subscribers may be added at the fifty-cent rate. new name with their own for one dollar, and fifty cents a year, and new subscribers may be added at the fifty-cent rate.

Published at this remarkably low priceat less than actual cost—all subscribers
must see the necessity of our dropping
from our subscription list every name as
soon as the year paid for expires. Thus
if, on the printed slip on each paper you
see John Jones Feb. '08, it indicates that
he name will drop from the list at the
end of Pebruary, and if he winkes to
continue to receive it, he must renew his
subscription. If he would do it a week or
two in advance, it would save us the trouble of taking his name off the list and
again putting it in type, when he renewed, which frequently causes mistakes.
This is the season to push the good work
of getting new subscribers. Show your
neighbors a copy of the RURAL
WORLD, call their attention to the large
amount of fresh, original, entertaining and
instructive reading matter contained is
each jause; tell them of our large number.

The prevent he leaching of the land, The
advantage of rye covering is in its saving
of fertility. The thrifty farmer will
subscribers as when commercial fertility.

The subject of green manuring should
be most carefully studied by farmers.

T. B. Terry attributes to plowing undere heavy coats of green clover the high
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done credit to a district farmers' insti-tute."
We are pleased to know that the RURAL WORLD is aiding in this edu-cational work on farm themes. The effu-cated farmer is our aim, for a knowl-edge of the various phases of plant and animal lite and a knowledge of soils and how to treat them will make farming a prosperous business which will result in giving to the world the ideal home, the cultured farm home.

MAINTAINING SOIL FERTILITY.

of the RURAL WORLD sept in the college for reference has been of practical use in the preparation of their essays. The treatment of the subjects by the students was excellent and would have done credit to a district farmers' institute."

We are pleased to know that the RURAL WORLD is aiding in this educational work on farm themes. The education would not the farmers of appeal that the test us hear from others on this subject.

Ohio.

OBAGE ORANGE FOR POSTS.

Editor RURAL WORLD: The true work of our readers with the time of our readers with the time of our readers and contributors, Mrs. Sara with the test us hear from others on this subject.

OBAGE ORANGE FOR POSTS.

Ed

AN EXTRA BUSHEL AN ACRE.

statistics at hand—1899 complete—show that in the United States were grown 154½ millions of acres of corn, wheat, oats, rye, barley and buckwheat. An extra

we had a very short crop of corn from drouth, but in other seasons we lost more by failing to do the "right thing at the

CORAGE ORANGE FOR POSTS.

Editor RURAL WORLD: In your issue of Feb. 19th, W. H. Parke wishes to know how long Osage orange fence posts will last. The writer of this spent several years in Collin County, Texas, where bois d'arc grows in forests, from where it is shipped to Dallas for paving purposes. There are miles of streets in toat city paved with blocks of this timber, where it is considered the most durable timber produced in the United States. I have seen fence posts that the proprator of the farm told me had been in use for 25 years, that were as sound apparfor 35 years, that were as sound appar-

ently as ever.

The same man owned a farm wagon made of that material which had been in

that in the United States were grown 154% millions of acres of corn, wheat, east, rye, barley and buckwheat. An extra bushel per acre means 154% millions of bushels of grain, two bushels per each inhabitant, or one and two-thirds of a pound of grain per day each for one month. If fed to hogs, and the grain computed at the accepted rate of ten pounds per bushel, it would make one and one-half billions of pounds of pork. We might go on and figure out how many cars this grain or pork would load, or what it would bring in market at 50 cents per bushel, but the figures given are enough to make every farmer ask. "Can I grow that extra bushel per acre," Without a moment's hesitation the answer must be "yes," and we should endeavor to make the increase in this year of grace, 1362. The writer has been for 20 years a teacher of the science of agriculture, and at the same time has spent every growing season on the farm. He has led in all work in the field; yet he is free to confess that he has often failed to secure the highest possible profitable yield of all crops.

Many things seem to conspire to prevent the largest possible yield overly season, but we freely confess that the fault has been in us oftener than in drouth, insects or flood. In 1884 we lost a promising erop of wheat by an "ice blanket" we short from chinch bugs and in 1901 we had a very short crop of corn from drouth, but in other seasons we lost more by falling to de the visible this extiture at the fault we had a very short crop of corn from drouth, but in other seasons we lost more by falling to de this grain to the crops.

SPRING DAYS AT SEVEN PINES.

SPRING DAYS AT SEVEN PINES.

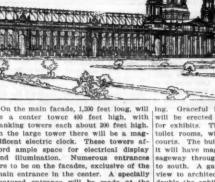
Editor RURAL WORLD: Sunday and

VARIED INDUSTRIES BUILDING.

The Varied Industries Building is a significant structure on the outer perimeter of the picture representing the main view of the Fair. It is one that will strike the beholder immediately after passing the main entrance gate. It will present a facade of 1,300 feet on the north and 525 feet on the east, giving 66,300 feet of each picture entrance will be an magnificent of the south front, this entrance will be an each to be on the facades, exclusive of the main entrance in the center. A specially featured entrance will be made at the main entrance formed on either side. The colonade formed on either side. The colonade construction on the main fronts will afford protection for pedestrians from bodying a free treatment of the Ionic order. There is an increase in the size of the columns used at the main entrance, but in such style and taste as not to interfere with the general design.

On the main facade, 1,200 feet long, will be accenter tower 400 feet high, with financing towers each about 200 feet ligh, with the kilpsh. In the large tower there will be a magnificent color. There is an entrance in the center, A specially featured entrance will be made at the color of the south front, this entrance being thrown back and a magnificent colonade formed on either side. The colonade construction on the main fronts will afford protection for pedestrians from both sun and rain. In the center of the size and grace of this building will adouble the exhibit space in the building will account the foliance of the size and grace of this building will account the foliance of the south front, this entrance being thrown back and a magnificent colonade construction on the main fronts will afford protection for pedestrians from both sun and rain. In the center of the size and grace of this building will account the courts. The building is occur. The building is so designed in the courts. The building is so designed in the courts. The building is occur. The building is so designed that will have magnific

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EVILDING OF VARIED INDVSTRIES -LOV:SIANA FVRCHASE EXPOSITION -1803 - ST-LOVIS MISSOVR 1903 -

LOOK AFTER THE ROADS.

Editor RURAL WORLD: Now is the time we must be looking after our roads. We must perforce use our dirt roads for years to come. As the top soil gats worn of or mixed with the clay beneath the roads, will get worse every year. At least the mud gets more waxy and rolls up on the wheels, when it gets to a certain consistency, till it is impossible to draw a load.

Now, the question comes up, what are we going to do about it? It manifestly will not do to depend on road laws or nod overseers entirely. We must each do our share and more. Everyone interested in the question should send for the January Bulletin of the Missouri Barbot, as a protection I now look on it as a good invostment. D. Ward King gives his experience in caring for a piece of road along his farm, which is the same as to draw the dirt or two planks pinned together, hitch the team so as to draw the dirt two ward the center and go over the road after seach rain or whenever it gets rough or rutted. Try it, brother farmers, and you will be surprised at the difference it will make in the road.

W. A. STEVENS.

Cass County, Mo.

ILOOK AFTER THE ROADS.

LOOK AFTER THE ROADS.

Sary: It was my solace and their all. In those days of dark despair, I felt it almost impossible to raise the assessments, are add to prove the beat and the sacred duty of every man to provide for his family, whether he be farmer lead as sures, and concluded that bariely was on and many sure of the despair. The same and more than the same we going to do about it? It manifestly will not do to depend on road laws or road overseers entirely. We must each to our share and more. Everyone interset was lead. We are on our feet. Agriculture, which is devoted to road overseers entirely. We must each to road improvement. D. Ward King gives his experience in caring for a piece of road along his farm, which is the same and more than the sevent in the content of the missing of waning strength, and we expective the bariety was leaded to our shall be provided that bariety well,

The Dairy

Hon. Chas. A. Adams, representative of Livingston County in the State Legislature, died at his home in Chillicothe, Mo., March II. Col. Adams was one of Missouri's pioneer creamery men, he having built the first creamery in the state. At one time, back in the cream gathering days, he owned and operated a number of creameries in Livingston and Linn Counties and turned out goods that captured first honors at the St. Louis and other great fairs, and was in much demand. Col. Adams was one of the small number of Missouri Dairymen's Association. He was elected Vice-President of the organization at that meeting.

At Jefferson City, during the last session of the Legislature, Col. Adams worked hard for the passage of the pressure of the sum of the cast of the

cancer makes a cure impossible. Without this nerve strength one never can be well, can sweet separator skim māk and hay. The calves ranged from seven to nine months of age when the picture was taken, Feb. 13, and while the picture does not show them to the best advantinge, any one familiar with stock can see that they are a good, thrifty bunch, such as any farmer would be proud to own. Mr. Pethebridge says: "They compare favorably with others which had whole milk and in fact there is none in the neighborhood that equals them."

But the striking fact in connection with this bunch of ten calves is not shown in the picture, yet is as plain as "the nose on a man's face" to one who thinks and uses a lead pencil. During the average period of eight months from the birth of these calves up to the time when the picture was taken, their dams each gave, probably, not less than 4,000 pounds of milk over and above what was needed by the calves during the first few weeks of their lives and until they could be put on a skim milk and hay ration. With a farm

But the striking fact in connection with this bunch of ten calves is not shown in the picture, yet is as plain as "the nose on a man's face" to one who thinks and uses a lead pencil. During the average period of eight months from the birth of these calves up to the time when the picture was taken, their dams each gave, probably, not less than 4,000 pounds of milk over and above what was needed by the calves during the first few weeks of their lives and until they could be put on a skim milk and hay ration. With a farm separator in use, the cream from this good Missouri Holsteins. separator in use, the cream from this milk if sold to a creamery at prevailing prices, brought not less than \$30, and possibly \$40, per cow. During that time the sian cows, three members of the herd calves, being fed principally on skim owned by M. E. Moore of Cameron, Mo., milk, were growing into a value equal to the cost of keeping the cows for a year, and also practically equal to the value of 1 month, 10 days; days after calving, 16;

USE A GOOD DAIRY BULL.

USE A GOOD DAIRY BULL.

When a farmer decides to make dairying a part of his farm work he should also decide to use the means necessary to make this branch of his work as successful and as highly profitable as possible. To do this means to secure, either by breeding or purchase, a herd of cows tant will produce the largest amount of milk rich in butter fat at the lowest cost for feed. Few men can buy such cows, for they are not usually for sale; those woo have cows to sell do not sell filer best ones; they sell their culls. They are not to biame for this, for it is to their interest to keep the best, and there is no moral wrong in looking after one's own interest, says Wm. Conway in the Prairie Farmer. The would-be dairyman is therefore driven to breeding his herd, beginning of course with the best he can buy, but relying on the heifers produced to raise it standard. There are good cows in all breeds and there are occasionally good ones that are without breeding at all, but these are in the nature of sports, merely, and such milking individuality as they have is not likely to be passed on to their offspring. To get heifers that will be profitable in the dairy requires dairy parentage, in which the breeding has been in the see of a bull descended from animals that have long been noted as large producers along dairy lines. A good bull from a dairy standpoint is therefore essential to the work of breeding helfers that will. Se profitable as milk producers. Many think they cannot afford to buy such a bull and that the price asked for them is too high. The facts are, however, that a man in the position indicated cannot afford not to buy one, and that the price charged

buy one, and that the prices charged for them are not high, but on the contrary quite low when one considers what is purchased. Such a purchase does not merely get the dairyman an animal that will bring his cows in fresh. It transfers to his own barnyard the results of the labors of the most careful breeders who for many generations have had the purpose he wants to accomplish in view. What it has coat these breeders to produce such results can hardly be estimated. It has taken time, money, knowledge, care and thoughtfulness without stint to produce an animal that will in turn pass on his own good qualities to his progeny, and all this the buyer gets the benefit of for a price that is really will get good calves even out of poor own. As a good bail at the head of his herd. A good buil will get good calves even out of poor own. As a good calves even out of poor own. to buy one, and that the prices charged paper.

WRITE ME A POSTAL

LEARN HOW TO GET WELL.

At Jefferson City, during the last session of the Legislature, Col. Adams worked hard for the passage of the present law creating a Chair of Dairy Husbandry in the Missouri Agricultural College, and for other legislation in the interest of the dairy industry. He was 44 years old.

The picture shown on this page is from a photograph taken by Mr. Arthur Ware of Butler, In., on sweet separator skim milk and hay.

My records for five years show that 29 out of each 40 who took the six bottles pald for them. Yet no dissatisfied patient is ever asked to pay.

Don't you want to know more about a remedy like that?

I have spent a lifetime in learning how to strengthen the inside nerves. My success comes from bringing back the nerve power that creates the v tal organs. I make weak organs strong by giving them the power to aci. My method always success as we where some condition like cancer makes a cure impossible. Without this nerve strength one never can be well. Read my book anyway. You owe that

GOOD MISSOURI HOLSTEINS.

In a recent official test of Holstein-Frie-

We have been most favorably impress

The facts are, however, that a man in to your interest to send for one of their the position indicated cannot afford not catalogs, which are free, mentioning this

men may be a sharp tracer and capacie of buying good cows, but he will never be a good dairyman until he has a good bell at the head of his herd. A good bull will get good calves even out of poor cows, and as every calf will have half his blood, the bull is rightly called one half the herd.—Hood Farm Topics.

Scrofula, than which no disease, save Consumption, is responsible for a larger mortality, and Consumption is its outgrowth.

It affects the glands, the mucous membranes, tissues and bones; causes bunches in the neck, catarrhal troubles, rickets, inflamed eyelids, sore ears, cutaneous eruptions, etc.

"I suffered from scrofula, the disease affecting the glands of my neck. I did everything I was told to do to readicate it, but without success. I then began taking Hood's Sarsaparilla, and the swelling in my neck entirely disappeared and my skin resumed a smooth, healthy appearance. The cure was complete." Miss Anna Mitchell, 915 Soott St., Covington, Ky.

Hood's Sarsaparilla.

Thoroughly eradicate scrofula and build up the system that has suffered from it.



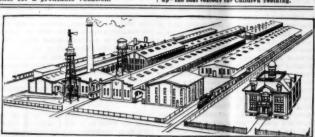
Prof. McKay of the Iowa Agricultural
College says that at the college it takes
\$25 to feed the ordinary cow for a year.
At the school an account is kept with
each cow, and she is charged with all the
food she consumes and credited with all
the butter she produces. The practice of
keeping an accurate account in this way
has led to a thorough weeding out of the
herd, but when it was begun it was
found that there were some cows in the
college herd that gave a clear profit of
\$50 per head, while there were others \$50 per head, while there were others that ran in debt a few dollars each year; that ran in debt a few dollars each year; that is, they did not yield enough butter to pay for their feed. We have frequently urged upon our dairy readers the necessity for handling cows in such a way that a strict account might be kept of them. It is no new thing to learn that many cows thought to be profitable are really not so, but are of the "star-boarder" kind, that never miss a meal nor pay a cent—in the way of profit. No dairyman should try to carry on the business without keeping an account with each cow that shall be sufficiently accurate to decide the question whether the individual cow is an advantage to the herd or a disadvantage to it.—Dairy and Creamery.

The woman who can make good butter once a week is to be commended, but the one who can make it uniformly good every day in the week need look no further for a profitable vocation.

attention to the engine especially adapted to farm work called "Jack of all Trades," to rarm work called "Jack of all Traces," manufactured by Fairbanks, Morse & Co. and advertised in this issue. It costs but two cents an hour to run this little en-gine. If you desire to know more about it mention this paper when writing for par-ticulars. ticulars.

FIRST-CLASS CORN.-T. N. Sutton & FIRST-CLASS CORN.—T. N. Sutton & Son of Mason City, Ill., writes us that they are selling large quantities of their famous fire-dried seed corn. They are particularly careful in the selection of their seed and are building up an immense trade. All of their corn is raised on their own farm and under their personal supervision, so they know just what they are selling and have no "kicks" from their customers. We take pleasure in recommending this firm to our patrons.

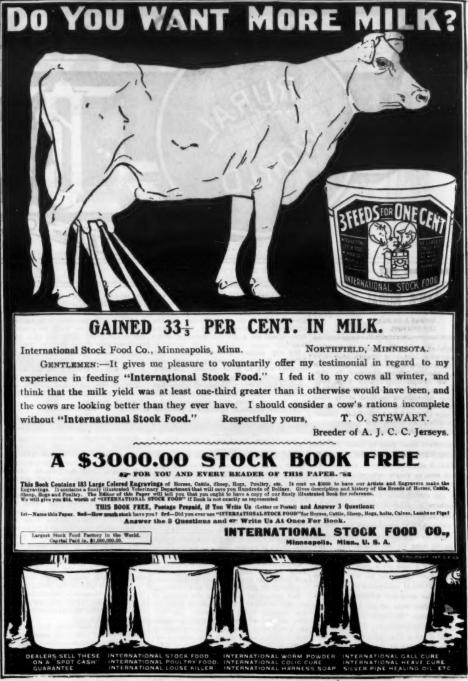
If the cream is too thick it should be thinned before it is placed in the churn.



THE STOVER MANUFACTURING COMPANY, Freeport, Illinois, well known to the readers of our paper, have just completed a new and modern factory, which is entirely the result of the legitimate and healthy growth of one of the best and most favorably known manufacturing institutions of this country. The Stover people had repeatedly enlarged their old factory and increased their facilities from time to time until they were about the largest people in the business. When they introduced their famous Samson wind mill several years ago, and took such a long step forward in wind mill construction, the instant popularity and enormous demand taxed the old factory beyond its limit to supply and they were beyond its limit to supply and they were THE STOVER MANUFACTURING literally forced to build their new fac









and hundreds of other jobs with the strength of 15 men. Most Convenient and useful power ever invented. Costs only TWO cents per hour to run. Especially adapted to farm work. IT IS A NEW ENGINE MADE BY Kansas City St. Paul Fairbanks

Morse & Chicago Cleveland Cincinnati Company Indianapolis Los Angeles
St. Louis Portland, Ore



The Middleman's MONEY
Makes th Fence No Better

Then why pay him a lot of extra money why not save that amount by buying from a direct at wholesale prices? We do no impair the quality to make our fence cheap in fact. we depend upon the quality to holour trade. We couldn't sell the

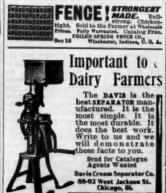
ADVANCE FENCE Advance Fence Co., 110 M St., Peoria, III.

A REMINDER: ime to buy that carriage or buggy. We make a full line and sell direct on 30 Days' Free Trial re ave you desire and joober profits. Enemy a said. Write for 2nd annual catalog. Mailed free. Kalamazee Carriage & Nareess Mg. Co., Statlon 14, Kalamazee, Mich., Fionerse of the Free Trint Flom.



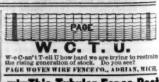






ABORTION Retention of Placenta and Pallere to Breed. Kellog's Cendition Powder is a positive cure for those diseases. Write for circular. Address. H. W. KELLOG CO., St. Paul Minn.





This Tubular Fence Post omfield Mfg. Co., Bex 43, Bicomfield, Ind.



Genuine C. C. Co.'s PATENT EDGE CORRUGATED ROOFING makes a perfectly tight joint with one corrugated ap. Don't threw away money or the oth kind. \$\frac{1}{2}\$ and is p with this equals \$\frac{1}{2}\$ is, with other Let us tell you how to save \$10\tau\$, to \$10\tau\$. It makes "Free Outsideg and price list sent you from writh the control of the



of the it is no ment his st his st eased Dr. cures organ cures cures which nutrit

Horticulture

neart of the horticulturist remains no matter if the years do wh ten ad. His love for humanity and de-do good continue to the end. Our ricend, C. D. Bent of Iowa, at 85 of age, ten years older than is the and senior editor of the Rursi s still at work with hand and ng good. His communicaton, another column, which has been

get into the ground as soon as it is dry enough, so that it can be put into the fine, ashy condition that is necessary for the seed to be sown. When soil has been made fine, smooth and firm, I stretch a good garden line and with the ald of a good hoe and rake set to work. Every four feet I put a double row of peas one foot apart, sowing seed rather thinly in the rows, it being a common mistake to sow peas too thickly. The double row gives a better brace for support. As a



for varieties needing but little support. I usually use baling wire which is stretch-ed on stakes driven along the row. The nature of the variety will indicate the

year the following list of varieties: Mc-Lean's Little Gem, Gradus, Thos. Lax-

The Bullet

Of the assassin may be more uniden, but it is not more sure than the director to sell get from any port horses the coming summer.

Of the assassin may be more uniden, but it is not more sure than the dire putishment are cope in on grans. I am arriand to the man who always the more sure than the dire putishment are cope in on grans. I am arriand to the man who always have been a posterior and not a great had not expect the summer of the sounds not of more sure than the surface cross of the sounds not of the sounds not of the sounds not often any port horses that coming summer.

Of the assassin may be more uniden, but it is not more sure than the dire putishment are copie in or grans. I am arriand to the man who always will not have a good crop of grans we will not have a good crop of grans while the summer of the sounds not of more and stock water had not a great had not rain all winter and not a great had not rain all winter and not a great had not rain all winter and not a great had not rain all winter and not a great had not rain all winter and not a great had not rain all winter and not a great had not rain all winter and not a great had not rain all winter and not a great had not rain all winter and not a great had not rain all winter and not a great had not rain all winter and not a great had not rain all winter and not a great had not rain all winter and not a great had not rain all winter and not a great had not rain all winter and not a great had not rain all winter and not a great had not rain all winter and not a great had not rain all winter and not a great had not the same, one of the sounds not of the sounds not not fine from a summer.

The proper for the winter had not a great had not a great had not a great and not a great had not a great and not a great had not all the sports crops of all kinds will be considered the varieties can be nown in time for successful to great the proper had not the sports of the sounds not not



fresh strawberries. We canned a great many last year, also the juice, which we find a most pleasant and healthful drink.

C. A. BIRD.

Vernon Co., Mo., March II.

HOW SHALL WE KNOW?

Editor RURAL WORLD: March came in like a lion with us; not very cold but ground covered with a light fall of snow.

We have had a fine winter as winters go, and I never saw a better time to feed as it has been dry all winter up to the past few days. It has been quite a blessing, as feed has been scarce and high and none of it hus gone to waste. Corn has been shipped in and sold for 70 to 75c, hay at \$il and \$il per ton, and those that had fodder to sell got from \$5 to 90c per shock for corn and fodder, and where the corn was shucked off 20 to 31c per shock for corn and fodder, and where the corn was shucked off 20 to 31c per shock for corn and fodder, and where the corn was shucked off 20 to 31c per shock for corn and fodder, and where the corn was shucked off 20 to 31c per shock for corn and fodder, and where the corn was shucked off 20 to 31c per shock for corn and fodder, and where the corn was shucked off 20 to 31c per shock for corn and fodder, and where the corn was shucked off 20 to 31c per shock for corn and fodder in the following the first was the suggests, as that would give sufficient space if the trees are kept shortened in as they should be. But for an apple orchard I would plant to row was no inferior from the row for top grafting. But being guided by my experience with again and prolific, of the best size, appearance and quality, grown in a locality where the conditions one would see the c

seed of the control o

FRUIT TREES. 11.00 30 Budded Peach Trees, best varieties, \$1.20 Good Concord Grape Vines, 31.

WILL Our catalogue mailed for the asking. Buy mental trees best quality; low prices. Ad.

GAGE COUNTY NURSERIES,

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Edwin H. Riehl,



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Profitable fruit growing insured only

when enough actual

Potash is in the fertilizer.

Neither quantity nor possible

GERMAN KALI WORKS

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TREES and PLANTS GROW

FRUIT INSURANCE.

BARGAINS IN SEEDS

tolce noveities. Don't buy until you see our No utalogue. Mailed FREE if you mention this pap IOWA SEED CO., Des Moines, lowa.

HONEST TREES honest in quality freight. Apple, 3 to 4 ft.

50 CENTS' WORTH GAR-DEN SEEDS FREE.

Also 56 cent certificate, pkg. Poultry Tonic, for-mula for Lios Killer, Calendar for 1992, Poultry Paper, compiled Poultry Book of over 69 pages and the paper of the paper of the paper of the pages and stock, Poultry 60 than pages of the pages of the a setting egg FHEE and win 869 prises. Send amose of 8 farmers and 20c silver to help pay post-age. Address. I. E. BEVER, Keithsburg, Ill.

ALFALFA SEED.
The greatest drouth resister. Pure, plump seed, 1991. Buy direct from a grower. Write for samples and prices.
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SEED CORN Many varieties, bred very free from barrenness. Oatalogue sent FREE J. C. SUFFERN, Corn Breeder, Voorbies, Ill. PURE SEED CORN FROM GROWER

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don Purple, Oil Soap, For Spraying Purposes for Sale

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SEEDS

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USE "ANCHOR BRAND"

PURE BONE FERTILIZERS Also Use TOBACCO DUST for Fruit Trees. Send us 25 cents in stamps and we will mail postpaid, thermometer, 12x3 in MAYER FERTILIZER & J. CO., Formerly A. B. Mayer Mig. Co. 1029 NORTH TWELFTH STREET, ST. LOUIS, MO.

ROSS & FERRELL, FARRAGUT, IOWA.

Ours have stood the test of 50 yes Sand for price list.

600 Acres. 18 Greenhouse. Established PHOENIX NURSERY COMPANY, 1860 PARK 84. Bloomington. Illigade.



VINES STARK GRAPE NURSERIES, Portland, N. Y., are in the heart of the famous Fredonia-Chautau-

TOTHIBMS.

The best vines of any locality in the U.S. Immense stock—finest quality. Prices low as those of any reputable grower. A full stock of CURRANT, GOOSEBERRY, BLACKBERRY, etc. Stark Fruit Book, free.

AGAWAM, reddish purple, good.

BRIGHTON, red, high quality.

CAMPBELL EARLY, early black.

CATAWBA, large, dark red, good.

CLINTON, black, much used for wine.

CONCORD, "Old Stand-by".

DELAWARE, small red, quality unexcelled.

2.80

DIAMOND, finest white.

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MOORE EARLY, large black, very early.

MIAGARA, large, best white for market.

2.80

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3 SEBERRY, BLACKBERRY, etc. Stark Fruit Book
AGAWAM, reddish purple, good
BRIGHTON, red, high quality
CAMPBELL EARLY, early black
CATAWBA, large, dark red, good
CLINTON, black, much used for wine
CONCORD, "Old Stand-by"
DELAWARE, small red, quality unexcelled
DIAMOND, finest white. medium size, fine quality
LINDLEY, red, very handsome, good
MOORE EARLY, large black, very early
NIAGARA, large, best white for market.
POCKLINGTON, white hardy
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rly, larger than Delaware STARK BROS NURSERIES @ Louisiana, Mo., Portland, N. Y.

DURPEE'S Largest Mail-Order Seed House in the World. A@ In buying BURPEE'S SEEDS direct by mail you get your money's worth in the Best Seeds that Grow—and you have your choice of Rare Novelties for 1902, which cannot be had elsewhere. Write to-day (a postal card will do) for our complete Catalogue—FREE to all who intend to purchase seeds. W. ATLEE BURPEE & CO., Philadelphia.

1,500 BU. SEED CORN---\$1 PER BU.---NONE BETTER. TE, ears 10 to 16 in. long, yellow, early. PROFITABLE, decow dent, medium early. NOVELTY shuck on every grain Silver Mine Oats 60 cents per bu. Special price for car load W. A. HINKLE, R. B. No. 1, Decatur, III.

SEED CORN-BEST THERE IS ir 25 years in the seed corn business is worth something to you. We sell direct the farmer; no middlemen's profits. Our varieties are the best known-Sutton's worlte white, Premium Yellow Dent and Improved World's Fair (yellow), Send for samples and illustrated catalog or write card for catalog and price list. All of the profits of the

T. N. SUTTON & SON, Dept. B, Mason City, III.

Seed Corn seed is 80th and self-our expense and money will be refunded. A 56-page Book on Corn Growing and catalog of all best farm and gar-J. R. RATEKIN & SON SHEARARDOM OR SON SHEARARDOM OF THE PROPERTY OF THE PROP

BURPEE'S SEEDS

NEVER BEFORE have we introduced such SUPERB NOVELTIES of

IMPROVED SEED CORN.

Painted from nature, others illustrated from photographs and all honestly described by the state of t W. ATLEE BURPEE & CO., Seed Growers, PHILADELPHIA.

COW Peas. The Famous Forage Crop and Soil Improvers.

WE ARE HEADQUARTERS for these and all southern specialties, including Soja Beans, Velvet Beans, Pearlor Cat-tail Millet, Teoente Bermuda Grass, Ensilage Corn, Spanich Pearuts, Chutas, Sorghums, etc.
Write for prices, and our interesting Gatalogue giving full information about these crops.
T. W. WOOD & SONS, - Richmond, Va.

SEED OSTAN Grown Hammon's Land Hammon's Land Hammon's Land Hammon's Kaglish Wendery, Case of Resola and Richigan Northern Grown. Hammon's Kaglish Wendery, Case of Resola and Richigan Northery, the four best varieties. Not proof, stiff schizing describing these oats and all other farm seeds for. Caralog describing these oats and all other farm seeds for. MARKY B. HARRY B. HARRY B. BANKORD SEED COPPARY, Ed. Bax 25, Eay City, Hish.

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We drow the Best.
Write to-day for our 100 page illustrated catalogue.
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BROMUS INERMIS Greatest GRASS of the AGE Really sections. Experiences seem on you. Best new crop seed chapper than any one of see and it. We are targe growers of FARE and AGADES # ESCOP and carried deshine according to the control of the cont

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Live Stock

DATE CLAIMS FOR LIVE STOCK

April 1, 1902—M. Sooter, Lockwood, Mo., Shorthoras, April 8-9-Breeders Combination Sale, Herefords, Kansas City. May 7-8-Colin Cameron, Herefords, Kan-

June 19.—C. E. McLane, Danville, Ind., at Indianapolis. Double Standard Polled

March 25-27, 1902.—Chicago

June 10-11.—Combination sale, W. C. Mc-Gavock, mgr., Chicago.

NATIONAL SHORTHORN SHOWS
AND SALES.

March 19—At Kansas City; W. R. Nel-

Ill.
Dec. 3, 1962.—Combination sale Berkshires,
Manager A. J. Lovejoy, Roscoe, Ill.;
Clerk, Charles F. Mills, Springfield, Ill.

MORE ABOUT ANGUS CATTLE.

MORE ABOUT ANGUE CATTLE.

Editor RURAL WORLD: Of the best breeds now in favor in the United States, the Aberdeen-Angus, a hornless breed of cattle, was perhaps the latest to receive recognition. Twenty years ago hardly a beef raiser knew what the term polled meant, as applied to cattle, and, of course, could not have known what was referred to when the Polled Angus breed of cattle was first mentioned in the agriculture journals of that period. About January, 1883, Abner Graves of Iowa, who is generally credited with the honor of suggesting "Aberdeen-Angus" in place of "Angus" as the name of the breed, wrote that "probably nine-tenths of the people in this world of ours do not know that 'probably nine-tenths of the people in this world of ours do not know that 'probably nine-tenths of the people in this world of ours do not know that 'probably nine-tenths of the people in this world of ours do not know that 'probably nine-tenths of the people in this world of ours do not know that 'probably nine-tenths of the people in this world of ours do not know that 'probably nine-tenths of the people in this world of ours do not know that 'polled," when applied to cattle, means hornless, while large numbers of them are deceived by the word and think the cattle are derived from Poland." There is a story going the rounds that recently, at a state fair, a gentleman, viewing the cattle with a friend, said that he did not know much about the breeds. His friend claimed to be well posted and volunteered to aid him. Taking seats in the amphitheatre, it was not long before a cross Jersey bull, led with a pole hooked to his nose, was brought in. "That," said the experienced friend, "its a polled Angus." It may be fairly said that the world in the world of the world are deceived by the work and think the cattle are derived from Poland." There is a story going the rounds that recently, at a state fair, a gentleman, viewing the cattle with a friend, said that he did not know much about the breeds. His friend claimed to be well posted and volunteered to aid him. Taking seats in the amphitheatre, it was not long before a cross Jersey bull, led with a pole hooked to his nose, was brought in. "That," said the experienced friend, "is a polled Angus." It may be fairly said that the world only in a general way, first came to know of the Angus breed of cattle from its triumph as a beef breed over all other breds, at the World's Fair held in Paris in the year 1878. It was upon the foundations laid by the Watsons, beginning about the year 1735, that William Mockets had been been seen the present about the year 1735, that William Mc-Combie of Tillyfour, Scotland, had, prior to 1878, been developing in the Angus breed, symmetry, weight and quality of flesh. The results of half a century of ficah. The results of nair a century of his labor were brought in 1878 to Paris, and there distanced all his former showyard victories when he secured the two grand prizes of 2,500 francs each, over 170 head of other cattle present at that the content of the product of the pr 170 head of other cattle present at that exposition. At first the hornless quality exposition. At first the horniess quantum seemed to receive the most attention. Somehow the black color and the seemingsmall size, peculiar to the breed, were garded as objectionable. It was not

AN OPENING FOR PURE BREDS.

The RURAL WORLD has argued tha "South," that is the section of the untry lying south of the Ohio and east of the Mississippi rivers, possessed good advantages for stock raising if proper ef-fort were made to improve the grade of advantages for stock raising it proper arfort were made to improve the grade of
stock which at present is quite poor,
and that the section referred to offered to
pure-bred stockmen good openings for
trade. Of course considerable missionary
work must be done to show the southern
farmers the "better way" in stock raising, but a few of the agricultural colleges
and experiment stations in that section
are doing good work along that line, and
there are individual farmers who are
demonstrating the possibilities of stock
raising in the south.

The Telegram of Kansas City reports
one instance as follows:

The distinction of being the only Hereford breeder in the state of Alabama bfslongs to W. C. Swope, of Courtland, Mr.
Swope has been purchasing pure blooded
stock at the three days' sale held here,
and goes home with some valuable additions to his herf.

May 7-8—Colin Cameron, Herefords, Kansas City.

Sas City.

Inc. 19.—C. E. McLane, Danville, Ind.,

at Indianapolis. Double Standard Polled

Burbams.

The "National Hereford Exchange" unter management of T. F. B. Sotham, as bord stack. He lives just 40 miles below the quarantine line, which runs along the northern boundary of his state. A strange control of the first Hereford is that the first Hereford providence is the first Hereford providence in the first Hereford providence is that the first Hereford providence is that the first Hereford providence is that the first Hereford providence is the first Hereford providence in the first Hereford providence is the first Hereford providence in the first Hereford providence is the first Hereford providence in the first Hereford providence is the first Hereford providence in the first Hereford providence is the first Hereford providence in the first Hereford providence is the first Hereford providence in the first Hereford providence is the first Hereford providence in the first Hereford providence is the first Hereford providence in the first Hereford providence is the first Hereford providence in the first Hereford providence is the first Herefor March 25-27, 1902.—Chicage.

April 25-28, 1902.—Chicago.

ABERDEEN ANGUS CATTLE.

April 10-11.—Combination sale, W. C. Mc
Gavock, mgr., Kansas City.

June 10-11.—Combination sale, W. C. Mc
Gavock, mgr., Chicago.

Speaking of the danger of infection to the Charleston exposition, several of Ms finest animals dying of Southern fever. Speaking of the danger of infection to northern cattle by sending them into the

NATIONAL SHORTHORN SHOWS NATIONAL SHOWS NATION

too late.
"The way I handle my cattle is to spray them with disinfectants and I have alcially when I keep my breeding stock in

to cattlemen. We have no hard winters country and act as its official agriculture as you have here, and never worry whether there is a bounteous corn crop or ments in Texas fever led their govern hether there is a bounteous corn crop or th, realizing that the cattle will carry yer just as well on hay. My betfers will yerage well with any of the stock offered this present sale, yet their only feed I winter has been 15 lbs. of hay each

day.
"We have the land, and the wherewith-

FEVER.



COL. W. D. ROSS OF OTTERVILLE MO.

Col. W. D. Ross, the popular live-stock auctioneer of Otterville, Mo. Mr. Ross was born and raised on a stock farm and Worth in 1904.

a good judge of live stock of all kinds. The officers is a good judge of live stock of all kinds. His ability as an auctioneer is being recognized by the best breeders and stockmen in the country. He is a forcible speaker, is courteous to his bidders and puts vim, energy and business in the sales under his control. Parties in need of an up-to-date auctioneer will make no mistake in employing Col. Ross. Note his card in another column and write him for dates.

crossed my bull with native grave hams and this spring expect 50 calves ods in agriculture of the United States which I will raise and fatten for the marbular they will not graduate for two years, but when they do they will carry these sts.

"Alabama offers plenty of inducements advanced ideas to the people of their country and act as its official agricultural ments in Texas fever led their govern-ment to select the Missouri Agricultural

H. H. Anderson, N. R. Tracy and the Emm Park Cattle Company. The top was \$250, paid by H. H. Anderson, of Alpha, Mo., for the 5-year-old bull Frairie View Raven, owned by N. R. Tracy. Other Duyers were: T. P. Fulkerson, Trenton; E. W. Fulkerson, Edinburg; Mrs. R. Rank, Alvord; C. W. Beaumont, Line-ville, Iowa; S. G. Witten, Edinburg; W. H. Orndorff, Gladstone, S. D.; Henry Fulkerson, Trenton; J. K. Graham, Shott; G. H. Meyers, Spickard; F. G. Rinkler, Allerton; H. C. Brantley, Princeton.

GENERAL SUMMARY.

GENERAL SUMMARY. 60 Shorthorn brought ..\$ 5,830.00 60 Shorthorn brought
Average
15 Angus brought
Average
41 Herefords brought
Average
116 head brought
Average -Telegram.

TEXAS CATTLEMEN.

Cattle Raisers' association concluded its work and adjourned at noon. Before ad-journment El Paso was selected as the next meeting place without opposition and will vote time to return it to Fort Worth in 1994

The officers elected are: Murdo Mac-

periments mean good markets and prices for Missouri pure-bred stock. The experiments have been eminently successful. The work in the Missouri Experiment station was under the direction of Doctor J. W. Connoway, who worked out and put into a feasible form the results."

TERRITORY INFECTED—The territory that is infected with this Texas fever extends from the fortisth parallel north to the thirty-seventh parallel south. Practically in this strip all the good farming and pasture lands are subject to this fever, the only exceptions being upon the most elevated and mountainous regions. It includes the southern portion of Virginia, and California, the entire states of North Carolina, Bouth Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Arkansas and the largest portions of Oklahoma Territory, Indian Territory and Texas. It extends through

men in the coming great according to the Armour and Swift packing house plants in North Fort Worth. Ten thousand persons witnessed the ceremony.

The Western Quarantine association, comprising the sanitary boards of Texas, Oklahoma, New Mexico, Kansas, Missouri, Colorado and Arisona, met to-day to discuss the tuberculosis quarantine now in force by Texas against Missouri. It was agreed to reacind the quarantine. Missouri was represented in the meeting by N. H. Gentry, Oklahoma by W. E. Belton, Texas by R. J. Kleberg, Kansas by M. C. Campbell and Frederick Crowley. The other states and territories were not represented.

There were fifty head of Hereford cattle old, bringing \$15,000, the average price eing \$300 per head. The highest price for a single animal was paid by P. F. Field, of Checotah, I. T., for a 3-yearold bull (Royal). The price was \$600.

SAM W. COX, South Greenfield, Mo SAM W. COX, Bouth Greenheid, Mc., has four good bulls, ranging in age from 8 to 20 months old, all reds and 20 young sows ready to breed, all good individual and of the best breeding, that will be sold worth the money. Look up Mr. Cox's advertisement and write him for prices.

At Chicago March 25-26.

This is the last opportunity we will have to direct the attention of RURAL ments in Texas fever led their government to select the Missouri Agricultural college as a place for their training.

METHOD EXPLAINED—The inoculation, as explained by Doctor Connoway, and which has been made public before, is a simple matter. All that is necessary to do is to inject a small quantity of blood from an immune animal of the infected district into the body of the animal it is proposed to immunise. This gives a mild form of Texas fever. The inoculation ought always to be made before shipment. At times the Missouri Experiment station has had as much as \$40,000 worth of pure-bred cattle belonging to southern ranchmen being put through the process of inoculation at one time.

Before this was done these cattlemen were subjected to heavy losses in bringing cattle into the infected districts. For this reason the business of exporting cattle was not as large as it would have been otherwise. Because of these things it is impossible to measure the value of the work that has been done in dollars and cents. Search of the control of the control

at the farm seven miles south of Lock-wood, Mo., will be a good chance to get some good stuff at very reasonable prices. Send for a catalog and note the good things recorded. November 3, for in-stance, is a red two-year-old helfer, a sis-ter to the best of the Hall Bros. Pur-chase at Mr. Sooter's first sale, and, in Mr. S.'s opinion, a better individual.

. 5,160.00 write: Owing to the tremendous increas 125.86 in the sale of "International Stock Food .. 12,260.00 and our other preparations, we have be 105.69 compelled to increase our mixing capacit; 20 per cent and last night we commenced working two crews, and are now running our factory twenty-four hours per day. In the last three months we have been In the last three months we have been compelled to put on additional help until we now employ over 300 people. It requires a force of 97 people to attend to the office work alone, including 38 typewriters. In the near future we will mail you a photograph of our office, which is one of the largest offices for a manufacturing business in the country.



St.Jacobs0i

After all other remedies fail. Acts like magic!

Conquers Pain

Price, 25c and 5oc.

SOLD BY ALL DEALERS IN MEDICINE

AUCTIONEERS

LIVE STOCK AUCTIONERS.

JAS. W. SPARKS, Marshall, Mo. Am sellin for the best breeders everywhere. Posted on ped gree and individual merit. Terms low.

R. W. MITCHELL,
LIVE STOCK AUCTIONEER,
GENTRYVILLE, M.

BFT breed pure bred cattle and hogs, my hos
of patrons say I know how to sell them. Write fo
terms and dates.

HARRY GRAHAM, CHILLICOTHE VE STOOK AND GENERAL SALES Auctioneer.

W. D. ROSS
OTTERVILLE, MO.
Live Stock Auctioneer,
Your Patronage solicited. Terms reasonable.

H. W. KERR,

Shorthorn Cattle Berkshire Hogs, Cotswold and Shropshire Sheep. Bulls ready for service. Some choice boars and 15 bucks for sale at reasonable prices. The pure Scotch bulls Violets Prince 145,647 and Golden Sym-pathy 151,656 in service.

Shorthorn Bulls. W. H. FULKERSON & SONS JERSEYVILLE, ILL.



C. A. STANNARD, Emporla, Kan. LOCKWOOD, MO.

BUSINESS OFFER IN OIL **Gusher Produced Before You Pay**

for Stock. To remove every element of speculation and in order to insure a sound and legitimate business investment, we will reserve stock in this company for you, to be paid for after the company has a production of at least

15,000 BARRELS OF OIL PER DAY

This production, even at 30c per barrel, will enable us to pay over 400 per cent profits each year on investments. The officers of the company take all the chances and advance every dollar required to secure the property and production guaranteed before you send us or deposit one dollar.

When we have fulfilled our contract the investment is made as sound, safe and legitimate as a government bond, and more profitable than any known securities.

arity.

The company is incorporated for \$550,000. We will operate in Texas, the newest and richest field in the world.

A limited amount of Tream., stock can now be reserved to be paid for after the company is an assured success.

Give the offer unprejudiced consideration, and write us at once for appliation blanks, bank references and full information.

THE GOOD LUCK OIL COMPANY

Herd Bull for Sale.

On April 10 will sell to highest bidder my nerd buil Crange Lander, as his caives roan, caived Nov 10, 1887; a good individual and also a good breder, as his caives will show. Got by Victoria Baron 105859 but of Orange Princess, she by 11th Kirk-levington Duke 75.985, out of Orange Queen by Lord Alcomb 3rd 52418, out of imported Orange Blossom 31st by the great Roan Gauntlet (3.5284), etc.

W. POLLOCK, MEXICO, MO.



75 FEMALES from the Weavergrace herd of T. F. B. SOTHAM, hitherto held above price. Only the older matrons and the youngest calves of the herd will be reserved. All the rest—including 20 head of show cattle—will be consigned to this auction, making an offering of unprecedented excellence. The number in the sale is raised to 150 by contributions from the following named breeders: H. D. SMITH, Compton, Que.; JOHN I. BODY, Woodland, Ill.; GEO. P. HENRY, Goodenow, Ill.; E. BUCKLES, Lake Fork, Ill.; JAMES PAUL, Patch Grove, Wis.; M. H. LONGHEAD, West Liberty, Mo.; Thos. E. McCarty, Princeville, Ill.; Gilbert Mason, Wheeler, Ill.; H. F. Scinel-ker, New Haven, Ind.; Benj. Edwards, Fisk, Wis.; Norton & Campbell, Maple Grove, Mich.; ROBERT TURNBULL, LaPrairie Center, Ill.; HENRY LEY Clay City, Ind.; JAMES McWILLIAMS & SONS, Galveston, Ind.; E. C. WOOLSEY Gibson, Ill.; C. A. BURGHOEFER, LaSalle, Ill.

Full information in the catalogue which will be sent on application to



T. F. B. SOTHAM,

MANAGER NATIONAL HEREFORD EXCHANGE, CHILLICOTHE, MO.



Pasteur Blackleg Vaccine ready for use.

Single Blacklegine (for common stock): No. 1 (10 doses) \$1.50; No. 2 (20 doses) \$2.50; No 3 (50 doses) \$6.00. Double Blacklegine (for choice stock) \$2.00 for 10 doses, first lymph and second lymph inclusive. Blacklegine Outfit, for applying Blacklegine, 50 cents.

Pasteur Vaccine Co., Chicago, New York, Kansas City, Ft. Worth, Denver, San Francisco.

V. D. DIERKER, Breeder of REGISTERED SHORT-HORN CATTLE, POLAND CHINA HOGS, PLYMOUTH ROCK POULTRY, BARRED WHITE AND BUFF. Your trade solicited. Eggs \$2 per setting.

Blackwater Shorthorns. F. M. Marshel, Prop. BLACKWATER, Herd headed by the Orulckshank Bull. Orange Hero 182,685 by Godoy. Females are of pure Scotch anure Bases, with individual merit the standard. Young stock of both sex for sale

Registered Shorthorn Cattle

AND POLAND-CHINA HOGS,
Bred and For Sale by H. A. BARBER, WINDSOR, MO. HEREFORDS Gudgell & Simpson,

600 HEAD IN HERD. ST. LOUIS NATIONAL STOCK YARDS.

HE LIVE STOCK MARKET OF ST. LOUIS. Located at East St. Louis, directly opposite the city of St. Louis. Shippers should see that their stock is billed directly to the National - Stock - Yards.

C. G. KNOX, V.-Pres. C. T. JONES, Gen. M'gr. L. W. KRAKE, As'st. Gen. Mgr. TEBO LAWN HERD OF SHORTHORNS

-OWNED BY-G. M. CASEY, SHAWNEE MOUND. HENRY COUNTY, MO. Railway Station, Clinton, Mo.

LINES OF BREEDING—"The Casey Mixture," Cruickhanks and other Scotch castle, Bates and Renick Rose of Sharons.

HERD BULLS—Imp. Collyne 135022, bred by Wm. Duthie; imp. Slythe Vistor 140603, bred by W. S. Marr. Admiral Codey 133372, bred by Col. C. E. Leonard; Victor Backful 152787, bred by J. R. Crawford & Sons; Vistor Abbett, bred by T. J. Wallace & Son Address all correspondence to

E. B. MITCHELL, MGR., CLINTON, MO., RURAL ROUTE NO. 1.

SECOND ANNUAL SALE. At Lockwood, Mo., April 1st. 16 Heifers==8 to 30 months == 18 Bulls.

31 of Them by the Great Show Bull,

"WINSOME DUKE 12th, 121623.

Out of the best Bates bred cows in Missouri. -Send to M. SOOTER for catalogue,

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A Matter of Health

There is a quality in Royal Baking Powder which promotes digestion. This peculiarity of Royal has been noted by physicians, and they accordingly use and recommend it exclusively.

ROYAL BAKING POWDER CO., 100 WILLIAM ST., NEW YORK.

Horseman



The following stallions advertised in the

INEL-BELL,

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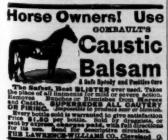
ogue,

Monitor Russell, 23,727, by Alley Russell; D. S. Perdee, Walker, Vernon Co., Mo. Mongold, Matinee record 2:25%, by Al-landorf; R. C. Browniee, Holden, John-

W. P. Ijams, owner of Axtell, has been ljams, owner or Axten, nas been py a correspondent in Hamburg, y, for four mares in foal to Ax-he mares have been selected and shipped next summer. Mr. Ijams similar order from Austria some

Electricity, 5344, dam the great Sallie Benton, the champion four year-old of her day, will make the season at Tipton, 440.

Red Roy, 2,244, by Red Heart, 2:19, son of Red Wilkes, is advertised by Mr. Henry Heineman in the RURAL WORLD. This is a highly bred stallion of good style and action, and can trot faster than his record styre. Mr. Heineman has beleve.



worth careful study; champion trotters and fastest records. Every up to defe horseman should have complete sets of The Register and Year Book. Address RURAL WORLD, St. Louis, Mo.

Since M. E. H. Harriman lost Star tions, he has decided to replace him with his noted pacer, John R. Gentry, 2:00%, who is now the sire of Gentry's Treasure, he is now the sire of Gentry's Treasure, 10, and Jim Ramey, 2:10½. As nearly all the stock on this farm is by Stamboul, is believed that the cross with Gentry III produce speed equal to any of the allions now standing in that section, the placing of Gentry at the head of this urm will retire him from the turf for load.

Red Chute, 2:24%, is another of the great sons of Guy Wilkes, 2:15%, and his son, Oxford Boy (2), 2:20, in annexing the Kentucky Futurity, brought fame and glory home to this great tribe and incidentaky a nice roll of money to his owner. Red Chute's sire and dam both carry the magical Wilkes-Mambrino Fatchen cross. The Bondsman, by Barott Wilkes, 2:18, is another with the same strain of blood for a top cross and out of the dam of Jayhawker, 2:14%, and you will remember what a daughter of Jayhawker brought only a short time ago when J. Malcolm Forbes paid \$0.05 for Susie J., 2:19%. The fee for breeding to Red Chute and The Bondsman is \$50 each. Write W. W. Estill, Lexington, Ky. Red Chute, 2:24%, is another of the great till, Lexington, Ky.

till, Lexington, Ky.

The books of Red Chute, Adbell and The Bondsman, in the stud at Elmwood Farm, Lexington, Ky., are filling nicely. A dozen mares have been bred to them already. Several mares from the East have been sent here to be bred to Adbell. J. H. Shuits sent Mendocita and Del Worthy, and E. T. Bedford, Sally Simmons 2:134.

Other mares booked to him are Suffrage by Electioneer, dam Miss Rusell; Dewey Eve (dam of Galliec 2:13%, by Geo. Wilkes 2:22; Eufaula (dam of Mary Beaufort (2) 2:25, by Sentinel Wilkes. Haughty (dam of Felicianna 2:15) has foaled a colt by

Horse Owners! Use

GORBAULT'S

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Balsam

The Safest, Base \$1.5 before seed Taking against, and the owner only having one bid the buyer is not defrauded. But to go through the sale with the usual seed Cartle. Billet on the missing from stool pigeons and those of honest linet is farcical and most injurious to the management of the auction, see well seed to be seed

by be expected to submit tamely to the practice of by bidding without a protest, for as is generally the case the real owner is known, and when a horse is put up and bid off by an outsider who claims to be acting for a friend, and the horse at once returned to the former owner, just a cause for criticism arises. The auction mart is the legitimate place for disposition of the aments of the legitimate place for disposition of the aments of the legitimate place for disposition of the aments of the legitimate place for disposition of the aments of the legitimate place for disposition of the aments of the legitimate place for disposition of the aments of the legitimate place for disposition of the place of the disposition of the aments of the lowest price of the aments of the lowest price of the aments of the lowest price of the concept of the aments of the lowest price of the l great stallions as "the best" for the par-ticular post he is to fill at Dreamwold.

other mares booked to him are Suffrage by Electioneer, dam Miss Russell; Dewey Ewe (dam of Galileo 2:12% by Geo. Wilkes 12:22; Eufaula (dam of Mary Beaufort (2) 2:22; Eufaula (dam of Mary Beaufort (2) 2:23; by Sentinel Wilkes, Haughty (dam of Felicianna 2:15) has foaled a colt by Red Chute and will be bred back to that horse. Khalifa by Baron Stamboul has a colt by Sellers, and will be bred to Red Chute. Leone (1) 2:23 will be bred to The Bondsman.

Isaac R. Sherwood and James B. Sherwood have sold their entire holdings in the Western Horseman to Dr. J. W. Neal, who now owns a majority of the slock of that who now owns a majority of the slock of that valuable journal. Dr. Neal is a very able writer and an experienced journalist. He has been connected with the Western Horseman connected with the Western Horseman connected with the Western Horseman con. The western Horseman con. The western Horseman con. The western Horseman con. The western Horseman is the oldest harness horse paper west of New York, and it has always been one of the best. Our business relations with Dr. Neal, which have extended

DR. R. J. KENDALL CO...

Date Sity :— I have used your Kondall's Sparin Cure for Date Sity :— I have used your Kondall's Sparin Cure for Loss five years and I think it has aved me \$680.08 in that its Rappetfully your, Renry Kelsey

index Western in destroy of the property of the control of the property of the

the alfalfa is matured too much for cat-tie. That cut late is fed to cattle. Al-

CURBY HORSES.

Advices from Kentucky are that Audubon Boy, 2:06, the largest winner of 1901, has improved greatly since being fired and blistered on being retired from the late campaign. He will not be raced as often in 1902 as in 1904, but is expected to lower his record. Because of his curby hocks Audubon Boy sold as a scrubby yearling for the insignificant sum of \$35, having been an eyesore to Peter Duryea, of New York, who partly owned him. But other curby-hocked horses here must be trained early in 15c, and that is, if they possess any natural speed it is much more easily developed BIJUE BULL NOTES.

By L. E. Clement.

By L. E. Clement.

We have had a long, cold winter and the season is yet backward. Entries to the early closing events are coming satisfactorily, if reports from secretaries are locorest. There will be a larger breeding business than was anticlopted by many business than was anticlopted by his credit. In 1900 he put nine in the list, in 1900 he list, and list, in 1900 he list, and list, in 1900 he list, and list, and list, and list, and list, in 1900 he list, and list, and

ALL THAT IS RECOMMENDED, ntractor and Builder, Hardwood Fin-ish a Specialty, Office and Mill, 915 Genessee Street. Buffalo, N. Y., February 19, 1902.



Surpol, with a race record of 2:10, and a trial of 2:06¼; sired by Electricity 5544; record 2:17¼; dam Sallie Benton (4). 2:17¼, world's champion in 1884, 1885, 1886. by lost part of its leaves is better for horses than for cattle. The fourth and fifth cuttings of alfalfa have a much greater percentage of leaves than the Alexander & Renshaw, Tipton, Mo.

sire and dam, he will be bigger and bett limbed as well as better muscled if he early work has been given to him wi



P\$9 Invested in a pair of Steel Horse Collars

cay and save money. No charge for territory. Full particulars on application. THE HOWELL & SPAULDING CO., Box G Caro, Mich

COLUMBIA, MO., RACES.

August 5, 6, 7, 8, 1902. No. 3-2:30 Stake Trot.
No. 3-2:30 Stake Trot.
No. 4-2:20 Stake Trot.
No. 4-3-Year-Old Trot.
No. 5-One Mile and a Half Dash No. 9-8-Year-Old Pace .. 200 2-Mile Dash Trot in Harness... Trot in Harness.

STAKES CLOSE ON APRIL 18TH.

For Particulars and Conditions Address

B. E. HATTON, Secretary, Columbia, Missouri.

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20 BLACK JACKS Big Boned, 15; to 16; hds.

25--PERCHERON STALLIONS--25



Both imported and home bred. All dark colors, with as much bone, size, quality and action as any Stallions in America. Our Horses talk for themselves, and we ask nothing more than that you and your own veterinarian come and inspect them for yourselves. We are in the business to stay and want to sell you horses. Have been in horse business 25 years. Our new sale barns within two blocks of depot are filled with first-class Stallions. Every horse fully guaranteed. Our specialty is color, size, quality and action. Catalogue sent on application. Long distance telephone. Ome and see, or address

BROWN & MCKINNEY, On Wabash R. R. Cairo, Randolph Co., Mo.

For Sale---Henry Wythe 35047, WORLD'S FAIR JACK Grandson of Stamboul, 2:07; dark bay stallion, 8 years old, over 16 hands, weight about 1,200, full brother in blood to D. L. C., 2:13½, RED GALE, registered in vol. 16, sorrel filly, 3 yrs. old, granddaughter of Allerton, 2:09; large for age, half sister to Future Gilbert, 2:2½, D. L. C., 2:13½. Will sell either cheap; stallion at half his real value. Address

E. P. Denton, Hamilton, III.

50 mammoth Jacks and Jennetts 15 to 18 hands, for sale. Write A. L. ESHBAUGH



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Strap, Veterinary and Hoof Cintment. We guarantee a positive and speedy cure and inflamed heels, speedy cuts, grease heels, thrush, contracted heels, toe, sand and quarter cracks, nail pricks, car bruises, burns and wounds of all kinds. Address a card to 1711 Genesce street, office Cottingham Bros., Kansas City, for free samples and testimonials. All orders C. O. D., express prepaid.

MONGOLD, 28625,

By Allandorf, 2:19%, the best-bred son of the great Onward, as his dam was that greatest of all brood mares, Alma Mater, the dam of Alcyone, Alcantara, etc., whose records as producing sires are unsurpased. Mongold's dam is Monitor Rose, whose first, second and third dams are all in the great brood mare table. Mongold has a matinee race record on a very slow track of 2:25%. He is blood bay, 18 hands, heavy bone and body, and the best action and his colts cannot be beaten for size, style, etc. For terms adbeaten for size, style, etc. For terms ad-ROLL'A C. BROWNLEE, Holden, Mo.

FOR SALE. Registered Percheron Stallion, 8 years old; Mammoth Black Jack, 8 years old, 3nd prize Mo. State
North Black Jack, 8 years old, 3nd prize Mo. State
North Black Jack, 8 years old, 3nd prize Mo. State
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North Black

WILKESBEY, 33333.

One of the best-bred sons of the great Red Wilkes, dam Balloon, by the great Belmont, son of Alexander's Abdullah, the best son of Hambletonian 10, will the season of 1902 at my stables, at hands and has the fine style of the Belmont family. Address

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28 Head Jacks and Jennets
2 young percentaged
ONE THOMOGUNIANTS STALLISH
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VALLEY VIEW JACK FARM FOR SALE, 11 BLACK JACKS.

14 1-2 to 16 hands high, 2 to C years old, Kentuc and Tennessee breeding. B. M. JOHNSON. Bolivar, Polk Co., Mc

TEMESSEE WILKS 2785
Sire of Musette 2:941-4 and Roam Wilkes 2
The only son of George Wilkss with two
than 2:09, also a brother to Bud Crook 2:163
of his beet racing sons. For terms, etc., addi
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THE YEAR BOOK.

This great work will be ready for delivery March 16, 1992. Contains summaries of race; tables of 2:50 trotters; 2:50 pacers; sizes, with a complete list of their get in standard time and their producing sons and daughters; Great Brood Mares; Vol. XVII, 1901, single copies, postpaid. ... 54, 69 Vol. XVII, 1901, in or more copies each, 1.0.b. 5.85

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For Sale Cheap. DARK GRAY JACK

Coming five years old, 15% hands high, heavy bone and body. Will be fully guaranteed. Apply to

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FOR SALE.

WILKESTON 28022 Record 2:244, sired by Wilkes Boy 2:244, dam Lady Clay, dam of Patchen Boy 2:104, by Met-

ropolitan 1372.

Wilkeston is a great show horse and stock horse as well, and is sold for no fault.

J. M. OUTHOUSE, Pateka, III Montgomery County, Missouri.



Lion Coffee

So it was left to Billy Watkins to settle so it was left to Billy Watkins to settle a very serious quarrel between a lot of school boys; and the whole matter was satisfactorily decided by him. Just because he could be trusted by every one that knew him, none doubted his word under any circumstances.

t of the whole matter was, his d taught him to never tell a Written for the RURAL WORLD. uence in his boyhood days while in the gradle that he could not disobey her or of anything that would displease his mother. Her wish was everything to him. Thus having gained his confidence she clircle in which to give "Bachelor" a few kept it by always treating him as friend, hints?

had need of him before the game was fin-ished; but he went when he heard his mother call; he held up his hand to her, in recognition of her call, and told the boys that his mother wanted him and that he must go, that he had promised TO LAUNDER LACE CURTAI her he would go home when she called. 'Oh, pretend you didn't hear her," said

Written for the RURAL WORLD A TRUE STORY.

VORLD says "These sketches, related in ur crude d.ction, are only intended to inn the past history of their own locali-es and at the same time bring in review distory." If "Dype" had not had that re-hark in his sketch I never would have hought of trying to write this small re-ory. The letters in the RURAL WORLD

know he will tell the truth about it, for he will and tile! He could not if he would, his teacher asserts. She says she can trust him to tell her the truth about anything, for she never knew him to tell a falsehood. She says he was trained to al-ways tell the truth, no matter what the other good traits of character that are

> We throw a pebble in the brook and the We throw a peoble in the brook and the circle widens and widens. Just so with the pure principles planted by those early settlers; they are still radiating and their posterity rise up and call them blessed.
>
> Montgomery Co., Mo. MRS. A. Po.

WHY NOT CRIMP OUR HAIR?

partner, in all the affairs of their lives.
It was always, "My son, let us do this," is always always, "My son, let us do this," say he does not color if he means to gree the color in the t a partner, in all the affairs of their lives. It was always, "My son, let us do this," or "we had better not do that;" 'my dear boy, we could not have done that," or "we could have done it"; "my son, you know what we think of such things." It was always "we," thus keep ng her son as a part of herself, and always under her especial guidance. Let me tell you of one circumstance with which I was personally acquainted, as an eye witness: One day the other boys in the neighborhood wanted Billy to go out with them on the lawn to play ball. His mother told him he could go, and if she wanted him she would call him. "All right," said he, "I'll come when you call me." you call me."

Now, it so happened that his mother

There, I see a shadow of the waste bas-

TO LAUNDER LACE CURTAINS.

"Oh, pretend you didn't hear her," said the other boys. "I wouldn't be tied to any woman's apron strings. Play the game out anyhow. She won't know you heard her."

"Oh, but I did hear her and I will not lie to my mother for any game or to please any one. I never have told her a felsehood and never will. I believe the let it come to a boil, remove from the fire let it come to a boil, remove from the fire and set in a cool nice over nice. The see any one. I never have told her a let it come to a boil, remove from the fire let of you were tied to your mother's on strings you would be the better for Boys tied to their mothers' apron ngs never go wrong. I will not stay this haken, so as to have all the dust out the soft soap. Have your curtains well shaken, so as to have all the dust out.

The for an explanation, asking questions as follows:

How many hens have you? Ans.—125.

What breeds? Ans.—A mixture; B. Plymouth Rocks, Brown Leghorns and a few Black Minorcas.

Which lays the best? Ans.—It is hard

It Boys field to their mothers' agron strings never go wrong. I will not stay to finish the game."

In the soft soap, Have your curtains well shaken, so as to have all the dust out his mother and told her what he had said to the other boys. I was very much pleased to see the loving confidence and compared to the confidence of all those he comes in contact with. But I saw that has the confidence of all those he comes in contact with. Every one loves and trust him, Haw word is all any one requires. He has equal naturates as he was when a boy. He was one of the boys that was not reared under the lash, as its mother has told me she never gave him a whipping his lagual nature and the last that him, his life, but controled him with the power of trustrial love, the magic power. On, that there were more just used method only use more patience, more love, and gain her children's love and trustful confidence by being herself what she search are considered to the companies where the lash, as its mother has told me she never gave him a whipping his life, in his life, but controled him with the power of trustrial love, the magic power. When the power of trustrial love, the magic power of trustrial love, the magic power of trustrial love, the magic power of the search and the power of trustrial love, the magic her children's love and trustrial magic than the power of trustrial love, the magic her children's love and trustrial magic described of the companies here will be a search and the last that the last the last the last him the last magic has the last the last the last that the last the last the last him the last the last the last that the last the last the last that the last the last that t

BE GLAD

of the best writers of the RURAL Why bring one page of grief to Whose load you may not know

Each has his own distress Why give to such as seek for recreation Your own heart's bitterness?

Glimpsee of the Bucket-Shops" was to the point-but to my true story:

A long, long time ago—as far back as laughter,

Some timely quip or jest;

It was cosming Tom the east with its preclous cargo. It stopped half a mile east of Danville, Mo. The cargo consisted of a father and mother and the dear little cons, with household goods sufficient for their comfort. Weary with their journey they were delighted to find on landing the comfortable residence of a near relative with a warm and cheerful greeting and a warmer welcome. They had come in this prairie schooner from Clark country, Kentucky. How sweet the welcome. The sissession with the series of articles which which you only reach as you lose your breath.

The realm of peace lieth not afar, Nor is it found by the way of death; It is not up in some distant star, Which you only reach as you lose your breath.

The realm of peace lieth not afar, Nor is it found by the way of death; It is not up in some distant star, Which you only reach as you lose your breath.

The realm of peace lieth not afar, Nor is it found by the way of death; It is not up in some distant star, Which you only reach as you lose your breath.

The realm of peace lieth not afar, Nor is it found by the way of death; It is not up in some distant star, Which you only reach as you lose your breath.

The realm of peace lieth not afar, Nor is it found by the way of death; It is not up in some distant star, Which you only reach as you lose your breath.

But the soul must seek to find the place, And put away its doubts and fears, Must wear a calm—not anxious face—
Nor seek with hurried step, through team.

Must rise above the noise that grinds

The souls of men to a powdery waste; Miss team of the publicity which follows the purchase and the publicity which for a summer home, and in a spirit of the fail that the country, for his mission to Missouri was to buy it for her, or to provide the meaning of the fail that the country, for his mission to Missouri was to buy it. When the work of writing appeared

owned and occupied by a grandson. Many of them are readers of the RURAL WORLD. All are farmers and are doing well, and do not, like many others, want to sell or rent the farm and move to town and join the "never-sweats." There are characterist.cs belonging to every family, This pioneer family transmitted to their descendants integrity, frugality and many other good traits of character that are felt and acknowledged in this community to-day.

We throw a pebble in the brook and the

The most incisive and most keenly an-The most incisive and most keenly analytical sketches of public men which have been prepared during the past two years have been those of William Alien White. The humorous little episode between Mr. White and Mr. Thomas C. Platt is still fresh in the public memory. Mr. White's sketch for March appears in The Cosmopolitan and is on the late President Harrison. It will be read with wide interest by both the opponents and friends of that statesman. friends of that statesman.

A HOUSEHOLD NAME.

"Royal Baking Powder" is a household word pretty much the civilized world over, and the article itself has become a necessity in thousands upon thousands of families in nearly every civilized country, The success of this splendid preparation is due to the fact that it is exactly what it is represented to be—a pure cream of tartar baking powder. One of its great recommendations is its high leavening power. That, of course, appeals to every housewife. It secures a light baking with the least amount of attention and trouble. It can be counted upon. But it has a virtue beyond that—it is "absolutely pure." Royal Baking Powder contains nothing deleterious. It can be used with perfect confidence, and with the certainty that, so far as it is concerned, the baking will be thoroughly wholesome. The success of this splendid preparation be thoroughly wholesome.

Poultry

A GOOD WINTER EGG RECORD.

Hearing that Mrs. J. L. Erwin of Callaway County, Mo., had been selling eggs all along during the months of January and February, 1962, when almost no eggs were coming on the market, we called on her for an explanation, asking questions

few Black Minorcas. Which lays the best? Ans.—It is hard

WATKINS' REMEDIES. THE J. R. WATKINS MEDICAL CO., 87 Liberty St., WINDRA, MINE. U. S. A. AN EASY WAY

For Women and Girls to Become Self-

Editor RURAL WORLD: Having an abiding faith in the abuity of the average American woman, and having, through the vicissitudes of life, been placed upon my own resources, with a dismai future staring me in the face, but, through good fortune, emerging from the Stygian gloom that enshrouded me, I would like, if you will permit, to say a word or two, to other women who may be struggling for a livelihood, as to a good method for relieving themselves of the bondage which apparently surrounds them. The thought has MRS. LFNA SWARGER. ently surrounds them. The thought has often occurred to me that there would be much less agitation of methods for ameliorating the condition of women and girls, who, at an early age, are left to their own resources, if the said young women were more self-reliant, and exer-cised for themselves at least a portion of cised for themselves at least a portion of the energy others are expected to exercise for them. This idea has been strongly 'm-pressed upon my mind by réviewing the prêsent (apparently chosen) occupation of a number of my friends. I can truthfully say that with the exception of myseif, each one is dependent upon some other for the means of securing a living. Here in lowa are a number of institutions of learning of various 'kinds, and as a result many of our young people take to teach-

nany of our young people take to teach ng for a living—a very laudable aspira-ion—but, unfortunately, the suppl seems to be greater than the demand. rut. I looked around for something to my to establish a bus.ness of my own that would be both pleasant and 'profitable But what would it be? People will al-ways eat. Chickens! The very thing! for there will always be a ready market to there will always be a ready markef for them at remunerative prices. The result was I bought all the flens I could find for sale, and started a poultry yard for profits. I succeeded fairly well, but the results were not what they should have been, as the best part of the hen's life was spent in hatching the chicks and raising them, and there was generally a dearth of eggs, and the chicks were filled with lice. After much inquiry I bought an incubator and brooder and went to work with a zest. The first efforts were somewhat disappointing, as I had not been sufficiently careful in observing instructions. But by the time the second hatch came I had learned how to operate hatch came I had learned how to operate it to the best auvantage, and succeede admirably. By watching all the points carefully I came out at the end of the second season a little over 300 ahead of all 'expenses; but I had learned a lesson

more valuable to me than the number of dollars I had received, and determined to profit by it.

The past season had been a revelation to me. Early in the year I bought two incubators and brooders, one for which I used for chickens for the market, and the other for pure-bred stock, and so well did I succeed that when I balanced the books Nov. 1, 1901, I found a credit to my account in the bank of \$364.75, with my machinery and a variety of chickens all my own, and my living expenses paid for the

I contemplate enlarging my sphere operation, and am inclined to add to my enterprise the raising of Pekifi ducks, Toulouse geese and Bronze turkeys, al-Toulouse geese and Bronze turkeys, although some of my friends are trying to dissuade me from doing so on account of the increased cost. But if the incubator that I am using does as well with turkeys and geese as ft has done with chickens, I can see no reason why I should not more than double my income.

Women, do as I have done; str.ke out for yourselves, deefe upon some line of

own, and my living expenses paid for the

sons from the inchanger, says an exchange. First: They have learned to choose eggs of uniform size and of perfect shape, with sound shells. As incubator chickens do not have lice, they have learned, secondly, to dust thoroughly their hens before setting, and two or three times during the period of incubation. Thirdly: They have learned to use clean nest boxes and clean bedding. They confine the hens to coops and take great pains to place proper food and water before them. Fourthly: Many test the eggs under hens, following the example of the machine men, and after testing three sittings, for example, and throwing out the infertile eggs, place the live eggs under the two hens and re-set the third, thus gaining time and compelling "Biddy" to do her full share of the work.

SELLING FRESH EGGS.

eggs should be collected daily and should not be allowed to remain unsold over twenty-four hours, says the "Feather." No stale nest-eggs should be used, and every precaution must be taken that each customer may never be disappointed. When the confidence of customers is secured the matter of good prices will be settled, as the majority of persons are willing to pay an extra price when they cannot make a speciasty of sup-fresh eggs unless he carefully those eggs found in stolen nests out-of-the-way places. The repu-for supplying choice fresh eggs e made and no mistakes must octime, as a single bad egg will the whole in value. Those tra high prices are not always the quality of eggs, but they

pleased to have you publish the copie tters herewith enclosed from please that the RURAL WORLD has a circulation, most especially noticed throughout the South and East. Long live the RURAL and its captain, Gov. Co.

Kewanee, Ill., March 2, 1902.

pleased with them. Yours truly,
MRS. LENA SWARGER. Mascoutah, Ill., Feb. 10, 1902.

Mr. J. E. Haynes.

Dear Sir.—The hog arrived all right, and I am more than pleased with the animal in every particu fully. CHAS. KLINGLE.

S. S. Hamburgs
Either sex, 81 each, 8 for \$5.60. Eggs \$1 per 15
Score card with every bird. Address
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OVER-FEEDING BROOD SOWS.

Many a fine 1 tter of pigs is lost, and especially in times when farmers want to be particularly good to their brood sows, by giving them too much feed the first three days after farrowing. We have often noticed that the experienced brood sow, should she be allowed to have her own way at that period and has the range of the farm will prepare her nest carefully on the south side of the hill, if possible, or with some other protection from the northwest winds. She will, if possible, make her nest near a spring or slough. If her habits are closely watched twill be noticed that she will eat nothing the first day. The second day she will probably go to the spring and take a stronger of lation. In conclusion I wish to say to the survey.

it will be noticed that she will eat nothing the first day. The second day she will probably go to the spring and take a drink and maybe nibble green grass if there is any convenient. The third day she may be looked for to come home bringing her pigs with her with pardonable pride, and will usually bring a full litter of healthy squealers, says the "low Farmer."

We do not recommend giving sows this liberty, but it would be better for some farmers if they did. By studying nature we can provide better quarters than nature furnishes, can take advantage of the instinctive wisdom of the brood sow and

instinctive wisdom of the brood sow and also of the wisdom of man, but upon one



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Quickly and Oured The Pig Pen dairy cow's ration. She should be fed for milk and not for meat. It should be remembered that for the first three days the experimental or occurring. No pay the system is feverish and that in no

In conclusion I wish to say to the novice: After you have taken pains in feeding these grains as indicated, do not let hogs go ary until after feeding and then fill them full of water, which simply opens the sluice-way and cleans out the canal before nature has completed her work. Give all the clean water they desre to drink before feeding, and give no water for two or three hours after. In the summer, when they should have free access to clean water this precaution is not necessary.

Service for they did, by relating labels were formed or the service formed to the servic



Handy Farm Wagons

surplus. Consequently he must cast aside personal likes and dislikes, and cater to ta public demand. If, rather than this, ne chooses to educate the public in his way are anything but objects of beauty.

This, we are pleased to say, has given

The Shepherd THE SHEARING MACHINE AGAIN.

be available the ground might be plowed shallow and sowed to rape, which will come on rapidly if the soil is well prepared. Roll after the seeding, and it will make a most excellent fall pasture and tend to improve the land, especially if a little concentrated food is given to the sheep. This is perhaps the cheapest and witness way of festilings the concentrated

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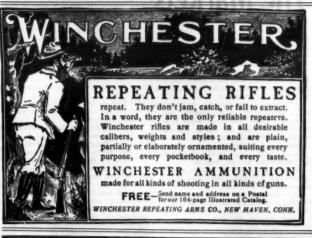
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SCRAP IRON AND METAL—Per 100 pounds: Wrought here 15c No. 2 hard propulation of the kinds from \$10 to \$14. notable at 77%c; No. 3 spring at 74%c. CORN—By sample del—No. 2 at 624c; No. 3 at 614@62c, and No. 4 at 60@61c; No. 3 yellow at 64c; No. 2 white at 624c, and

	Saturual	. I caretum	y. Lesterumy.
Whea	it-		
May	82	821/4@82%	82%@% b
July	741/2	74%@75	74%
Corn-			
May	6214@% b	61% @63	61%@%
July	621/4 a.	61%/262%	61%
Oats-			
May	45 b	-0	441/6
July	85% b	-0-	35%
Cash	wheat, corn	and oats	ranged:
	Yesterd	lay.Saturd	ay.Last year
When	it-		

No. 4 red@	@	65 @72
No. 2 hard 751/20771/5	75%@77%	71%@72%
No. 3 hard 76% @		70 @701/2
Corn-		
No. 2 mixed.6214@-	62 @621/2	39% @
No. 2 white.6514@-	-641/4@	401/4 @ 401/4
No. 3 mixed.61 @611/4	6114@611/2	39%@-
No. 4 mixed.60 @61	64 @	-0-
No. 2 white.631/2@63%	63 @	40 @401/4
No. 2 yel64 @	62 @63	39%@
Oats-		
No. 2 mix461/2@471	477218	261/2@261/2
No. 2 north.461/2@471/2	48 @	281/2/0
No. 2 white.471/2@48	471/2@	281/2/0
No. 3 white@-	47 @	28 @281/
No. 4 white@	461/2@	27 @271/
No 2 mir 47 @	48346947	2614.60

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WHIPPOORWILL PEAS-Sales, pe ack at \$1.85 and 1 sack mixed at \$1.50.

SORGHUM CANE SEED—Salable at 32.75 per bushel— 303.05 per 100 pounds.

CASTOR BEANS—Prime in car lots sal-le at \$1.40 per bushel on track—small-lots at \$1.35. HEMP SEED-Nominal at \$3.25 per 100

ounds, pure test. DRIED FRUIT-Market steady; firm ood grades apples and peaches; of-gs light, Apples: Evaporated rings-at 6c, fair at 61/407c, choice at 7%c, y at 8c; evaporated quarters at 607c; ed chops and peelings at 1@1%c-grades nominal; sun-dril quarters at 4@5c. Missouri and Illin

BEANS AND PEAS—In a jobbing way, from store: White beans (per bushel)—Hand-picked at \$1.70g1.73; machine-picked at \$1.63; screened, \$1.63—car lots on track less. Dried green peas—Ordinary at \$1.55. Scotch at \$1.65; split peas at \$1.99; black-eye at \$2.25; California ping (per pound) at 3%@3½c; New York kidney at 4½c; Lima beans at 5%c; Lentils at 4½c. HONEY—Comb—Dark 69%c, bright amber at 10g1ic, white alfalfa at 15g18c—infection and bruken less. Extracted and attained—Southern in barrels at 4½g4½c; cans. 5g5½c; Celifornia in cans at 5g6½c. BONES—Choice bleavhed at \$15 per ton;

BONES-Choice bleached at \$15 per ton;

pounds: Wrought iron 55c, heavy cast 45c, malleable, 40c, steel, 40c, breakage, 40c, stove 30c, burnt, 20c, light brass, 47, heavy brass \$11, copper \$12, zinc \$2.25, lead \$3.75; pages \$2.25

No. 3 at 61½@62c, and No. 4 at 60@61c; No. 3 yellow at 64c; No. 2 white at 62½c, and No. 3 white at 64½@64½c.

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POP CORN—On cob, per 100 pounds:
White at \$2.50, rice at \$3, mixed at \$1.50
BROOM CORN—Quiet, but firm; offerings very light. Quotations nominal, per ton; Common, \$55076, fair, \$30985; choice, \$50.
GRASS SEEDS—Offerings continue light, prices nominal. Per 100 pounds:
Timothy at \$566—prime more; clover-fair at \$10 88.50, god at \$8.509.00; milled or Hungarian at \$1.6091.90; German millet or Hungarian at \$1.6091.90; German millet at \$2.0092.25; redtop at \$569.00 imilet or Hungarian at \$1.6091.90; German millet at \$2.0092.25; redtop at \$569.00 imilet or Hungarian at \$1.6091.90; German millet at \$2.0092.25; redtop at \$569.00 imilet or Hungarian at \$1.6091.90; German millet at \$2.0092.25; redtop at \$569.00 imilet or Hungarian at \$1.6091.90; German millet at \$2.0092.25; redtop at \$569.00 imilet or Hungarian at \$1.6091.90; German millet at \$2.0092.25; redtop at \$569.00 imilet or Hungarian at \$1.6091.90; German millet at \$2.0092.25; redtop at \$569.00 imilet or Hungarian at \$1.6091.90; German millet at \$2.0092.25; redtop at \$569.00 imilet or Hungarian at \$1.6091.90; German millet at \$2.0092.25; redtop at \$569.00 imilet or Hungarian at \$1.6091.90; German millet at \$2.0092.25; redtop at \$569.00 imilet or Hungarian at \$1.6091.90; German millet at \$2.0092.25; redtop at \$569.00 imilet or Hungarian at \$1.6091.90; German millet at \$2.0092.25; redtop at \$569.00 imilet or Hungarian at \$1.6091.90; German millet at \$2.0092.25; redtop at \$569.00 imilet or Hungarian at \$1.6091.90; German millet at \$2.0092.25; redtop at \$569.00 imilet or Hungarian at \$1.6091.90; German millet at \$2.0092.25; redtop at \$569.00; millet or Hungarian at \$1.6091.90; German millet at \$2.0092.25; redtop at \$569.00; millet or Hungarian at \$1.6091.90; German millet at \$2.0092.25; redtop at \$569.00; millet or Hungarian at \$1.6091.90; German millet at \$2.0092.25; redtop at \$569.00; millet or Hungarian at \$1.6091.90; German millet at throughout the country is forcibly shown

About half the st.00@6.65; Yorkers and shippers, \$5.00@6.00; iight pigs, \$4.50@6.00; rough heavies, \$5.50@6.00; iight pigs, \$4.50@6.00; rough heavies, \$5.50@6.00; heavies, \$5.50@6.00; heavies and market steady and unchanged at the following values: Best sheep, \$5.00@6.50; best lambs, \$6.50@6.70; best bucks, \$4.00@6.50; best lambs, \$6.50@6.70; best bucks, \$4.00@6.50; heaving the steady and unchanged at the following values: Best sheep, \$5.00@6.50; best lambs, \$6.50@6.70; best bucks, \$4.00@6.50; heaving the steady and unchanged at the following values: Best sheep, \$5.00@6.50; best lambs, \$6.50@6.70; best bucks, \$4.00@6.50; heaving the pigs, \$4.50@6.50; heaving hea lamp chimneys in use have my name on them.

All the trouble comes of the other

COMES of the other half.

MACBETH, If you'll send your addres, I'll send you the Index to Lamps and their Chimmeys, to tell you what number to get for your lamp.

MACBETH, Fittburgh

MAC

HAY—Timothy, \$15 for choice, \$13@14.80 for No. 2, clover, \$9.500 for No. 1, \$12@12.50 for No. 1; No. 2, \$11@12.50 for No. 1; No. 2, \$11@12.50 for No. 1; No. 3, \$11@12.50 for No. 2; low grades, \$7@10. Alfalfa, \$14@14.50.

PRICES ON 'CHANGE.

The following table shows the range of prices on future and cash grains:

Closed Ranged Closed Saturday. Yesterday. Yester

HOGS: Receipts light, market

SHEEP-Receipts light, market steady OKLAHOMA FARM NOTES.

Editor RURAL WORLD: March can

Closed Ranged Closes Ranged Cl



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OPEN TO YOU—WILL YOU TRY IT?

ANNOUNCEMENT—The spring and summer edition of our catalogue No. 70 will be ready March 15th. It will be the finest and most complete book of its kind ever published, containing over 1,000 pages and 17,000 illustrations. It costrus almost a dollar to publish and distribute this catalogue, but we will send it to you for 15c, by mall or express prepaid. Almost any family can save \$100.00 a year by having our catalogue. Send for it today and enclose 15 cents to partially pay postage or expressage. If you already have our No. 70 catalogue don't send for another as we intend to mail you the supplement mentioned below.

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them in fair condition, we expect a better outcome than last year's record showed. We have several in a close floored pen which we are fattening for market. We sold two a few weks ago, which, after bear ing hauled 19 miles to market, weighed 510 lbs., for which we received \$5.15 per cwt. These were fed on shorts, bran and corn chops, with an occasional feed of ear corn. We are feeding the ones we have up now in the same way, and will put them on the market the last of this month. Wheat bran is \$1.55 per cwt. It is shorts, \$1.45; corn chops, \$1.55. Feed being so very high, we will put these hogs on the market at least three weeks earlier of fan we would have done otherwise. We do not see any money in paying the present high prices for feed to feed hogs for the market at little over \$5.00 per cwt.

MRS. A. GREENER.

The provided of the condition of the market at little over \$5.00 per cwt.

MRS. A. GREENER.

The grant should be temperance aduating the present in the schools; let it be the children. They can't be too young to begin. The fact prepares should be temperance aduating the present in the point of the children. They can't be too young to begin. The fact prepares should be temperance aduating the present in the point of the condition of the provided that there county. Do not understand that there county. Do not understand that there are no whisky men in our county now, yet if all the effort that is made, all the monce pent in the cause of temperance are no whisky men in our county. Do not understand that there county. Do not understand that there cannot whisky men in our county now, yet if all the effort that is made, all the monce pent in the cause of temperance for father, what unbounding joy, what the cause of temperance in the monce pent in the cause of temperance in the monce pent in the effort that is made, all the effort that is ment in county. Do not understand that there was not understand that there are no whisky men in our county new the fall the effort that is ment cause of temperance in the mo

work makes the reflector follow the sun twelve hoops (5 8 inc

An article that is bound to excite attention has a prominent place in Ainslee's Magazine for March. It is entitled "Physical Research," and has been written by the Rev. Minot J. Savage, D. D. Dr. Savage is a charter member of the Psychical Society, and relates some marveolus happenings from his own experience. "Hunting Big Game," by Allen Sangree, recounts the hair-breadth escapes of a New York man in the African Our nearest railway station is at Perry-Sangree, recounts the hair-breadth escapes of a New York man in the African jungle, and is illustrated with photographs of exceptional interest. "Canada from Sea to Sea," by Herman Whitsker, is a kind of prose flashlight of the Dominion from Halifax to Vancouver with a full variety of photographic illustration. Street & Smith, Publishers, New York City.

PERRY COUNTY, MO., NOTES.

Editor RURAL WORLD: I have been reading your valuable paper ever since I can remember and have always been a friend to the "World" as we call it in our home.

For a number of years I have wanted Missouri four fat size in Southwest Missouri, our nearest railway station is at Perry jungle, which is seven miles away and near the center of the county. A READER.

A FINE KIDNEY REMEDY.

A FINE KIDNEY REMEDY.

Conn. (The Clothler), says if any sufferer from Kidney or Bladder Disease will write him he will tell him what he used. He has notaing to sell or give; only directs you to a simple home cure that does the work.

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Mrs. J. Kay, M. R., High street, Des Moines, Ilvan, has discovered a harmless.

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a friend to the "World" as we call it in our home.

For a number of years I have wanted to contribute to its columns, but up to this time have not written a line in behalf.

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